

Message Text

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ORIGIN INT-05

INFO OCT-01 EUR-12 ISO-00 OES-07 NSF-02 EPA-04 DODE-00
CIAE-00 INR-07 NSAE-00 PM-04 COME-00 /042 R

DRAFTED BY INT/FWS/IA:RASCRIABINE

APPROVED BY OES/ENP/EN:HSPIELMAN

INT/FW:DMGRATH

NSF:DHOLT (INFO)

EPA(EXEC. SEC.ACTG)DSTROTHER

EUR/SOV:WVEALE

-----250529Z 032770 /14

R 250129Z MAY 77

FM SECSTATE WASHDC

TO AMEMBASSY MOSCOW

UNCLAS STATE 120290

E.O. 11652: N/A

TAGS: SENV, US, UR

SUBJECT: US-USSR ENVIRONMENTAL AGREEMENT, 02.05-41,
BIOSPHERE RESERVES: MARINE RESEARCH. BERING SEA CRUISE

1. REQUEST EMBASSY PASS FOLLOWING MESSAGE DTD MAY 23 TO
DR. YURI E. KAZAKOV, HYDROMET.

DEAR YURI:

IN THE MINUTES OF THE MEETING OF SPECIALISTS ON THE JOINT
US/USSR BERING SEA RESEARCH CRUISE, IT WAS REQUESTED THAT
THE US SIDE WOULD FORWARD DATA AS TO US PARTICIPANTS, US
EQUIPMENT AVAILABLE TO BE USED DURING THE CRUISE, AND A
CONFIRMATION OF THE TYPE OF DATA TO BE GATHERED BY US
SPECIALISTS DURING THE COURSE OF THE EXPEDITION. WE ARE
PLEASED TO RELAY THAT THE FOLLOWING SPECIALISTS HAVE AGREED
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TO PARTICIPATE IN THE CRUISE:

DAVID HEGGIE, INSTITUTE OF MARINE SCIENCE, UNIVERSITY
OF ALASKA, COLLEGE, ALASKA. HEAVY METALS AND ANODIC
STRIPPING VOLTAMETRY.

ROBERT LAMONTAGNE, NAVAL RESEARCH LABORATORY, WASHING-

TON, D.C. HYDROCARBONS AND GAS CHROMATOGRAPHY.

WAYNE BOCK, INSTITUTE OF MARINE SCIENCE, UNIVERSITY OF MIAMI, MIAMI, FLORIDA. PHYSICAL AND BIOLOGICAL OCEANOGRAPHY (BENTHIC).

VERN MYERS, DEPARTMENT OF OCEANOGRAPHY, FLORIDA STATE UNIVERSITY, TALLAHASSEE, FLORIDA. BIOLOGICAL-PRODUCTIVITY OCEANOGRAPHY.

J.K. LATHROPE, INSTITUTE OF MARINE SCIENCE, UNIVERSITY OF MIAMI, MIAMI, FLORIDA. PHYSICAL AND BIOLOGICAL OCEANOGRAPHY.

MARK BROWN, FORDHAM UNIVERSITY, NEW YORK, NEW YORK. PHYSICAL, CHEMICAL, BIOLOGICAL COMPUTER PROGRAMMING SPECIALIST.

ROBERT INGRAM, FORDHAM UNIVERSITY, NEW YORK, NEW YORK. BIOLOGICAL, CHEMICAL, PHYSICAL OCEANOGRAPHY.

ARTHUR STIFFEY, FORDHAM UNIVERSITY, NEW YORK, NEW YORK. METALS AND ORGANIC MATTER.

INGRAM, BROWN AND STIFFEY ARE PHD CANDIDATES AT FORDHAM UNIVERSITY. IN ADDITION, THERE WILL BE TWO AS YET UNNAMED TECHNICON TECHNICIANS ON BOARD. THE SOVIET SIDE WILL BE NOTIFIED AS SOON AS TECHNICON TECHNICIAN NAMES ARE AVAILABLE AND ALSO OF ANY POSSIBLE CHANGES IN THE US SCIENTIFIC UNCLASSIFIED

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PERSONNEL.

2. THE US TEAM INTENDS TO ENGAGE IN THE FOLLOWING TYPES OF OBSERVATION AND ANALYSIS: HYDROCARBONS, AND HEAVY METALS, PROBE IN SITU ANALYSIS AND TECHNICAL BIOGENIC ANALYSIS. SINCE TIME AND ON-BOARD TECHNOLOGY LIMITATION WILL PREVENT US SPECIALIST DOING SOME ON BOARD ANALYSIS, I.E. CHLORINATED HYDROCARBONS PCB, CHLOROPHYL AND ACCESSORY PIGMENTS, PHYTOPLANKTON SPECIATION AND ADDITIONAL METALS, US SIDE WANTS TO CONFIRM THE POSSIBILITY OF SHARING SAMPLES (EQUAL VOLUME) WITH SOVIET SPECIALISTS FOR ON-SHORE LABORATORY ANALYSIS.

3. THE US TEAM PLANS TO BRING THE FOLLOWING EQUIPMENT AND SUPPLIES:

A. GAS CHROMATOGRAPH.

B. BOTTLES OR GENERATOR FOR CHROMATOGRAPH.

C. METAL STRIPPING EQUIPMENT FOR METAL IDENTIFICATION.

D. AVAILABLE HYDROCHEMICAL EQUIPMENT FOR DETERMINING
IN SITU ELECTRO-CONDUCTIVITY, TEMPERATURE, PH,
OXYGEN AND DEPTH.

E. AUTOANALYZER BY TECHNICON (AA 2,) EQUIPPED WITH
TWO TRIPLE BEAM TRACKS.

F. IBM 5100 COMPUTER PRINTER PLOTTER WITH COUPLING
DEVICE.

G. THE US SIDE IS EXPLORING THE POSSIBILITY OF ACQUIR-
ING NISKIN BATHOMETERS FOR CRUISE PURPOSES.

FURTHER EQUIPMENT SPECIFICATIONS WILL BE FORWARDED TO THE
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SOVIET SIDE AFTER DR. TOM DUKE CONSULTS WITH DR. A. I.
SIMONOV AND VISITS HYDROMET VESSEL IN LATE MAY.

4. THE US CREW WISHES TO KNOW IF THERE ARE ANY SOVIET
OBJECTIONS TO THE USE OF PHOTOGRAPHIC EQUIPMENT ON BOARD

THE HYDROMET VESSEL VOLNA FOR THE MAINTENANCE OF A
SCIENTIFIC PICTORIAL RECORD OF THE CRUISE, THE OPERATION OF
EQUIPMENT AND ON DECK IN THE LABORATORY. THE US SCIENTI-
FIC STAFF WILL RESPECT SOVIET REGULATIONS IN THIS RESPECT.

5. THE SOVIET SIDE SHOULD APPLY ASAP FOR PORT CLEARANCE
AT DUTCH HARBOR AND SEATTLE FOR PROPOSED DATES OF ENTRY
THROUGH SOVIET EMBASSY, WASHINGTON.

6. THE US SIDE WISHES TO KNOW IF SOVIET CREW HAS ANY
OBJECTIONS TO US SPECIALISTS TAKING WATER BUCKET SAMPLES
AT 10 STATIONS. THERE WOULD BE A SLIGHT DELAY OF 3-4
HOURS IN ITINERARY AND A SLIGHT CHANGE IN COURSE. US
SPECIALISTS WISH TO PROCEED FROM DUTCH HARBOR TO 55030
LATITUDE, 166 10LONGITUDE THEN TO 55030' LATITUDE,
170050' LONGITUDE AND THEN TO 57030' LATITUDE, 177020'
LONGITUDE AND THEN TO ESTABLISHED COURSE. PLEASE INDICATE
IF THIS WILL BE FEASIBLE.

7. WHAT TYPE OF FUEL AND PROVISIONS DOES SOVIET VESSEL
REQUIRE AT DUTCH HARBOR? SINCERELY, E.U. CURTIS BOHLEN,
CHAIRMAN, AREA V. VANCE

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TEXT, ENVIRONMENT, AGREEMENTS, ATMOSPHERE, PUBLIC CORRESPONDENCE, MEETINGS, OCEANOGRAPHIC RESEARCH
Control Number: n/a
Copy: SINGLE
Sent Date: 25-May-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE120290
Document Source: CORE
Document Unique ID: 00
Drafter: RASCRIBINE
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770186-0205
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770519/aaaaapuz.tel
Line Count: 167
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 0c4b498a-c288-dd11-92da-001cc4696bcc
Office: ORIGIN INT
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 31-Mar-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2371177
Secure: OPEN
Status: NATIVE
Subject: US-USSR ENVIRONMENTAL AGREEMENT, 02.05-41, BIOSPHERE RESERVES: MARINE RESEARCH. BERING SEA CRUISE
TAGS: SENV, US, UR
To: MOSCOW
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/0c4b498a-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009